0430305116-DuPage
Molex
Lust Tech

UNITED
ENVIRONMENTAL CONSULTANTS, INC.
119 East Palatine Road • Suite 101 • Palatine, Illinois 60067 • (847) 359-8700 • FAX (847) 359-8755

April 3, 2000

Mr. Hernando A. Albarracin
Illinois Environmental Protection Agency
Leaking Underground Storage Tank Section
Division of Remediation Management
1001 North Grand Avenue East
Springfield, Illinois 62702

RE: LPC # ~~0894075796~~ - DuPage
MOLEX, INC.
5225 Walnut Avenue
Downers Grove, Illinois 60515
LUST Incident No: 991205

Dear Mr. Albarracin:

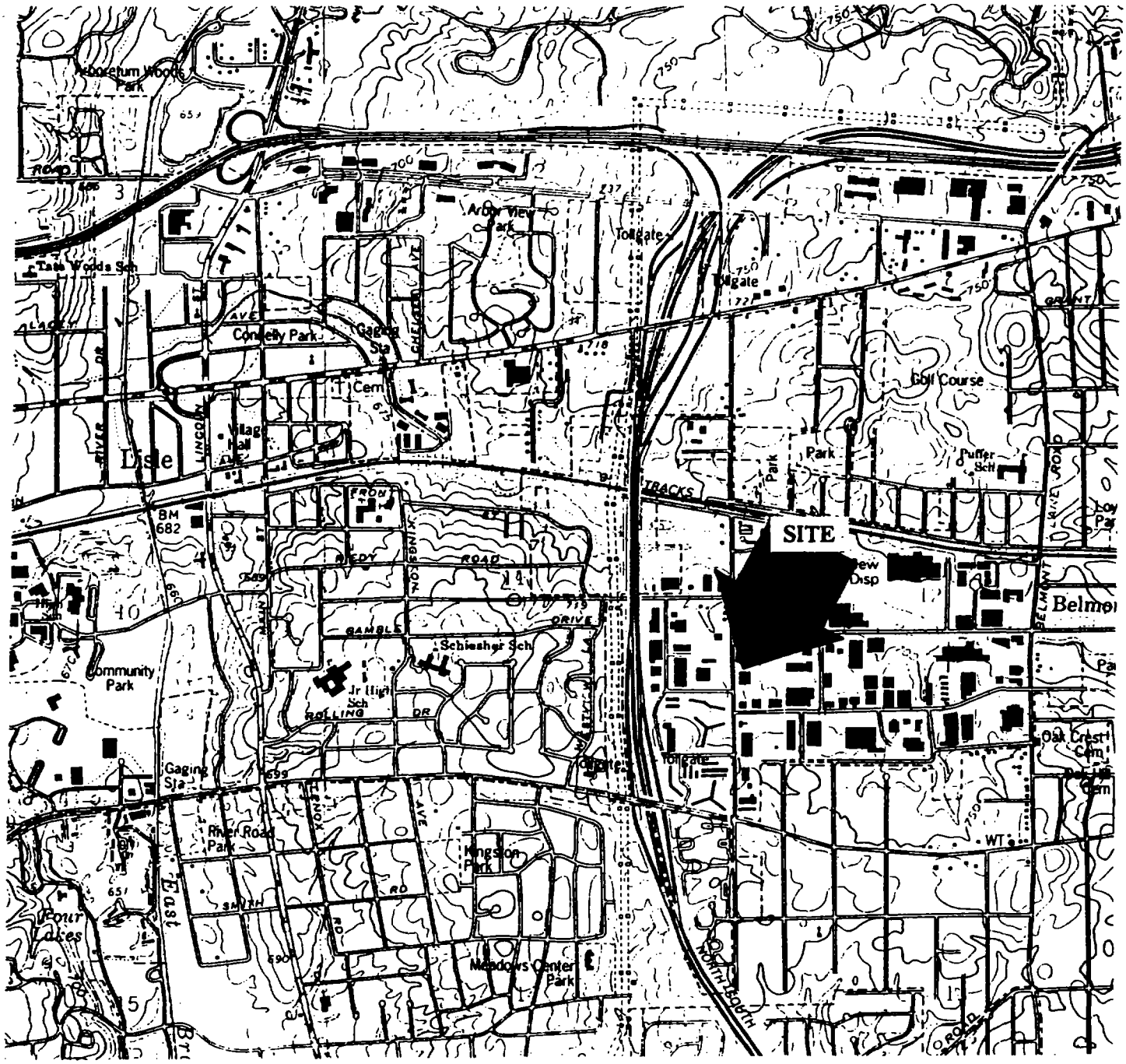
Pursuant to your January 21, 2000 correspondence detailed in Attachment 1, United Environmental Consultants, Inc. (UNITED) has completed the groundwater sampling investigation requested at the above referenced facility.

SUBSURFACE INVESTIGATION

On March 10, 2000, UNITED mobilized to the Molex, Inc. facility in Downers Grove, Illinois (Figure 1) to conduct a limited subsurface investigation in accordance with the specifications detailed in the January 21, 2000 correspondence.

The field activities included the advancement of five (5) soil borings at the perimeter of the Early Action excavation boundaries and the installation of one (1) groundwater monitoring well on-site, per the recommendations of the IEPA. Figure 2 details the soil boring and monitoring well locations. Soil boring SB-1/MW-1 was advanced immediately outside the influence of the excavation area as recommended by the Agency.

Hollow stem auger drilling techniques were utilized to conduct the soil boring/monitoring well at the site. All equipment and tools were thoroughly cleansed between each boring using a non-phosphate detergent wash and distilled-water rinse during the drilling efforts, to help prevent cross- contamination, per IEPA protocols. The soil boring logs are presented in Attachment 2.



ADAPTED FROM THE USGS WHEATON QUADRANGLE; TOWNSHIP 38N., RANGE 10E., SECTION 12, DOWNERS GROVE, DuPAGE COUNTY, ILLINOIS.

APPROXIMATE SCALE: 1-IN. = 2000-FT.

UNITED

ENVIRONMENTAL CONSULTANTS, INC.

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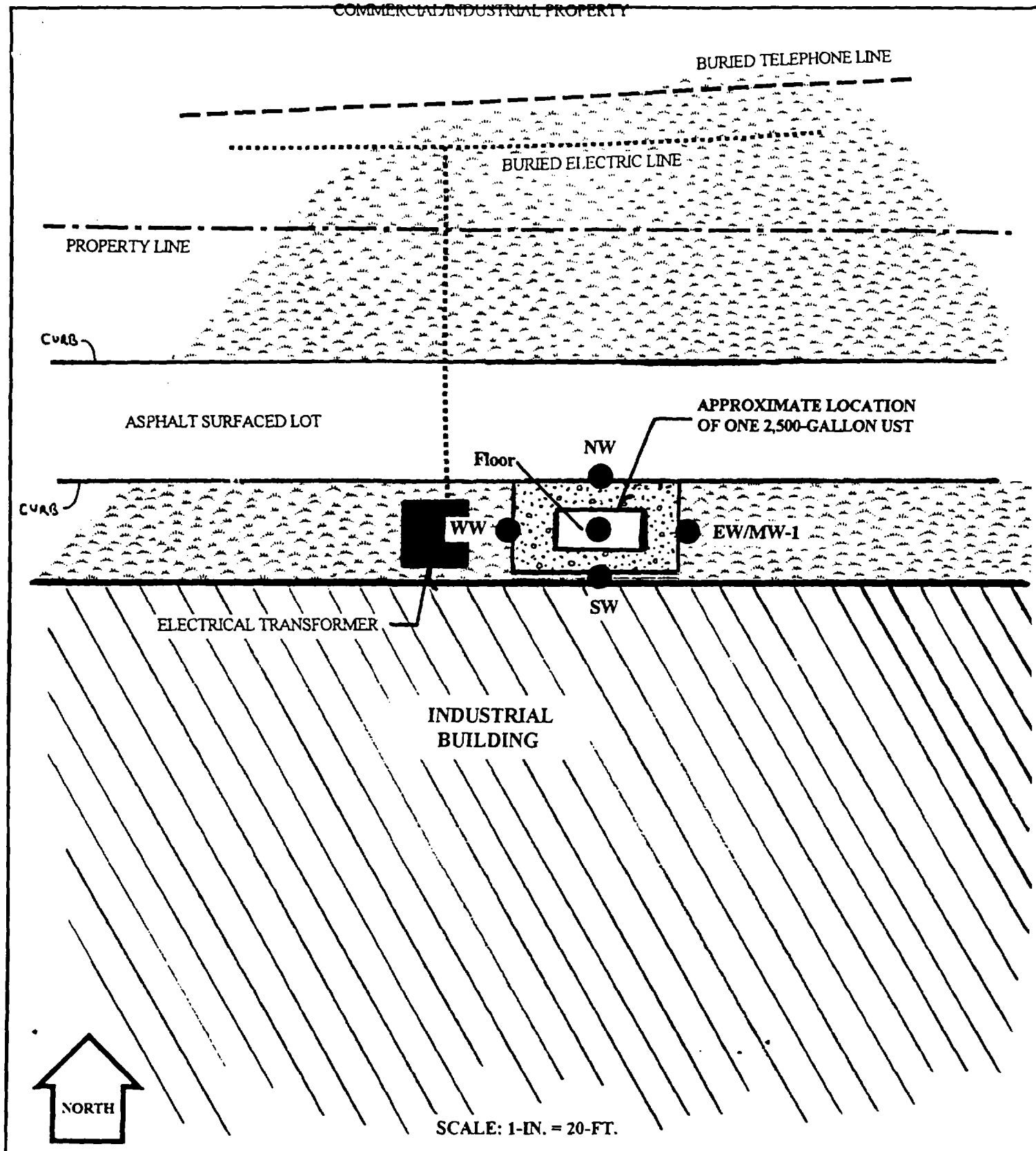
(847) 359-8700 • Fax (847) 359-8755

SITE LOCATION MAP

MOLEX, INC.
5225 Walnut Avenue
Downers Grove, Illinois 60515

FIGURE 1



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SITE FEATURES MAP

MOLEX, INC.
5225 Walnut Avenue
Downers Grove, Illinois 60515

FIGURE 2

UNITED Geologist (Mr. Tony J. Bush) supervised the drilling operations and logged the boring descriptions in a field logbook in accordance with UNITED protocols. Soil samples were collected continuously at 2-foot depth intervals during the advancement of the soil boring. Discrete split-spoon soil samples were then collected from each 2-foot interval using a stainless steel trowel.

All sampling equipment and split-spoon samplers were thoroughly cleansed with a non-phosphate detergent and distilled water rinse between each sampling event, to help prevent cross-contamination between the samples. The soil sampling procedures were performed in accordance with IEPA protocols. Dedicated disposable latex sampling gloves were additionally utilized by the UNITED Hydrogeologist during all sampling procedures.

Field soil samples were collected and subjected to field screening procedures with an HNu Photoionization Detector (PID). Representative discrete grab soil samples from the split spoons were placed directly into new ZIPLOC plastic quart bags and sealed. The soil pieces were subsequently broken up, within the sealed bag, thus creating the maximum surface area for volatilization.

An HNu 10.2 eV Photoionization Detector (PID) probe tip was then inserted through the seal to measure the concentration of volatile organic vapors within the head-space of the bags (head-space test). The PID was field calibrated with test gas in accordance with HNu manufacturer protocols.

The HNu Photoionization detector did not detect measurable headspace concentrations of organic vapors within all soil samples collected from all soil borings conducted at the site as detailed in Table I. Similarly, UNITED did not observe visual or olfactory evidence of hydrocarbon impaction within all soil samples collected for observation.

ANALYTICAL TESTING - SOIL SAMPLES

A total of five (5) soil samples were selected for analytical confirmation testing as a part of this closure assessment activities at this facility.

In accordance with IEPA guidelines, soil samples were collected and promptly submitted for analytical testing procedures within the holding times specified by SW-846 Method 5035. All closure soil samples were discrete grab samples collected using a stainless steel sampling tool which was thoroughly cleansed with a non-phosphate detergent and distilled water rinse between each sampling event, in order to prevent cross-contamination between the samples. Disposable latex gloves were additionally utilized during all sampling procedures. The soil sampling procedures were performed in accordance with all IEPA protocols and USEPA SW-846 Method 5035 procedures for the collection and preparation of soil samples for analysis.

Method 5035 requires that the soil samples be preserved with one of two preservatives prior to analysis, either in the field at the time of collection, or in the laboratory within 48 hours of collection.

TABLE I
Summary of Photoionization Detector Results
Subsurface Investigation

MOLEX, INC.
5225 Walnut Avenue
Downers Grove, Illinois 60515

March 10, 2000

0 - 2'	BDL	<1	<1	BDL	
2' – 4'	<1	BDL	BDL	<1	
4' – 6'	BDL	BDL	BDL	BDL	
6' – 8'	BDL	<1	BDL	BDL	
8' – 10'	BDL	BDL	BDL	BDL	
10' – 12'	<1	BDL	BDL	BDL	
12' – 14'	BDL	BDL	BDL	BDL	
14' - 18'	BDL	BDL	BDL	BDL	BDL

NOTE: Hydrocarbon constituents were measured and are expressed in parts-per-million (ppm) or equivalent HNu meter units.

BDL = Below Detection Limit (< 1 ppm meter unit).

If the soil samples are to be preserved in the laboratory, UNITED utilizes a properly decontaminated EnCore sample collection system, and subsequently delivers the samples to the lab for preservation within 48 hours of sample collection for extraction.

When collecting and preserving samples in the field, UNITED utilizes a stainless steel sampling tool that effectively transfers the proper amount of soil sample (5 grams) directly into duplicate VOA vials containing a liquid preservative (methanol or sodium bisulfate solution).

An additional sample is collected in a 125 ml wide-mouth jar (filled with no headspace) for determination of dry weight or percent solids, sample screening, and dilutions, if necessary. All sample containers are delivered to UNITED pre-weighed and prepped with the proper preservative by the laboratory, ready for use in the field.

The soil samples were labeled and placed in a cooler on ice, prior to the delivery to an approved laboratory for chemical analysis. The soil samples were delivered under a signed Chain-of-Custody form to Great Lakes Analytical Laboratories, Inc. of Buffalo Grove, Illinois, for laboratory analysis.

The five (5) soil samples were quantitatively analyzed for the primary Indicator Contaminants detailed the Agency correspondence in Attachment 1. A summary of the analytical results for the soil samples is presented in Table II. Copies of the laboratory report and Chain-of-Custody forms are detailed in Attachment 4.

ANALYTICAL RESULTS - SOIL SAMPLES

Great Lakes Analytical Laboratories, Inc. did not detect measurable concentrations of all Primary Indicator Contaminants detailed in Attachment 1 within all five soil samples collected from the Early Action excavation boundary at levels above the IAC Part 742 TACO Tier I Residential Cleanup Objectives.

The laboratory Method Detection Limits utilized by Great Lakes Analytical Laboratories, Inc., in the completion of the analytical testing procedures, are consistent with the recommended IEPA Acceptable Detection Limits (ADLs).

MONITORING WELL INSTALLATION ACTIVITIES

The new groundwater monitoring well was installed to a maximum depth of approximately 15-feet below ground level using 4 1/4-inch hollow-stem augers. The specific soil boring log and well construction log descriptions is presented in Attachment 2.

The monitoring well was constructed of 2-inch I.D. Schedule 40 PVC well casing, along with a 10-foot section of 0.01-inch slot PVC well screen, installed to intercept the shallow water table. A clean quartz sand filter pack was installed around the well screen, from the bottom of the borehole, extending to at least 2-feet above the top of the well screen.

TABLE II
Summary of Analytical Results
Soil Samples

MOLEX, INC.
5225 Walnut Avenue
Downers Grove, Illinois 60515

March 10, 2000

Benzene	BDL	BDL	BDL	BDL	BDL	0.030
Toluene	BDL	BDL	BDL	BDL	BDL	12
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	13
Xylenes	BDL	BDL	BDL	BDL	BDL	150
ALL OTHER VOCs	BDL	BDL	BDL	BDL	BDL	
Naphthalene	BDL	BDL	BDL	BDL	BDL	84
Acenaphthene	BDL	BDL	BDL	BDL	BDL	570
Anthracene	BDL	BDL	BDL	BDL	BDL	12,000
Fluoranthene	BDL	BDL	BDL	BDL	BDL	4,300
Fluorene	BDL	BDL	BDL	BDL	BDL	560
Pyrene	BDL	BDL	BDL	BDL	BDL	4,200
Acenaphthylene	BDL	BDL	BDL	BDL	BDL	15
Benzo(g,h,i)perylene	BDL	BDL	BDL	BDL	BDL	16,000
Phenanthrene	BDL	BDL	BDL	BDL	BDL	140
Benzo(a)anthracene	BDL	BDL	BDL	BDL	BDL	2.0
Benzo(a)pyrene	BDL	BDL	BDL	BDL	BDL	0.8
Benzo(b)fluoranthene	BDL	BDL	BDL	BDL	BDL	5.0
Benzo(k)fluoranthene	BDL	BDL	BDL	BDL	BDL	49
Chrysene	BDL	BDL	BDL	BDL	BDL	160
Dibenzo(ah)anthracene	BDL	BDL	BDL	BDL	BDL	0.8
Indeno(1,2,3-cd)pyrene	BDL	BDL	BDL	BDL	BDL	8.0
ALL OTHER S VOCs	BDL	BDL	BDL	BDL	BDL	

NOTE: Hydrocarbon constituents were measured and are expressed in parts-per-million (ppm) concentrations.
BDL = Below Detectable Limits

ALL SOIL SAMPLES WERE ANALYZED IN ACCORDANCE WITH SW-846, METHOD 5035/8260 AND 8270C.

TABLE III
Summary of Analytical Results
Groundwater Sample

MOLEX, INC.
5225 Walnut Avenue
Downers Grove, Illinois 60515

March 21, 2000

Benzene	BDL
Toluene	BDL
Ethyl Benzene	BDL
Xylenes	BDL
ALL OTHER VOCs	BDL
Naphthalene	BDL
Acenaphthene	BDL
Anthracene	BDL
Fluoranthene	BDL
Fluorene	BDL
Pyrene	BDL
Acenaphthylene	BDL
Benzo(g,h,i)perylene	BDL
Phenanthrene	BDL
Benzo(a)anthracene	BDL
Benzo(a)pyrene	BDL
Benzo(b)fluoranthene	BDL
Benzo(k)fluoranthene	BDL
Chrysene	BDL
Dibenzo(ah)anthracene	BDL
Indeno(1,2,3-cd)pyrene	BDL
ALL OTHER S VOCs	BDL

NOTE: Hydrocarbon constituents were measured and are expressed in parts-per-million (ppm) concentrations.
BDL = Below Detectable Limits

ALL SOIL SAMPLES WERE ANALYZED IN ACCORDANCE WITH SW-846, METHOD 5035/8021 AND 8270C.

A 2-foot bentonite seal was placed atop the filter pack to seal the annulus of each well point. A flush mounted steel well cover was sealed in place with concrete. The monitor well was additionally equipped with a locking cap.

FIELD GROUNDWATER SAMPLING ACTIVITIES

The new monitoring well MW-1 was developed in accordance with IEPA protocols on March 6, 2000, and sampled on March 10, 2000, using dedicated disposable teflon bailers. Dedicated latex sampling gloves and new sections of nylon rope were utilized during each task, to help insure the integrity of the groundwater samples. No olfactory evidence of hydrocarbon odors or evidence of product sheen was observed within the groundwater purged from MW-1 on-site.

Groundwater samples were collected from MW-1 in laboratory approved 40 ml vials and amber quart jars, labeled, preserved on ice, and delivered under a signed Chain-of-Custody form to Great Lakes Analytical, Inc. in Buffalo Grove, Illinois for chemical analysis.

Per the recommendations of the Agency, the groundwater samples collected from MW-1 were quantitatively analyzed for the Primary Indicator Contaminants detailed in Attachment 1 using EPA Method 8021B and 8270C analysis. The Great Lakes Analytical, Inc. Certificate-of-Analysis and signed Chain-of-Custody form is presented in Attachment 3.

ANALYTICAL RESULTS - GROUNDWATER SAMPLES

Great Lakes Analytical Laboratories, Inc. did not detect measurable concentrations of all Primary Indicator Contaminants detailed in Attachment 1 within the groundwater sample collected from MW-1 at levels above 35 IAC Part 742 Tier I Residential Class I groundwater cleanup objectives.

CONCLUSIONS

In response to these findings, Molex, Inc. petitions the Agency for the issuance of a "No Further Remediation" compliance letter, with respect to the requirements of 35 IAC Part 732 for IEMA Incident No: 991205 since full remediation and source removal was conducted at the site. The Professional Engineer Certification Form is detailed in Attachment 5 of the 45-Day Report Corrective Action Completion Report, dated, September 1999.

Should you have any questions or require additional information, please call us.

Sincerely,

UNITED ENVIRONMENTAL CONSULTANTS, INC.

George F. Moncek
Principal Hydrogeologist
President

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276

THOMAS V. SKINNER, DIRECTOR

217/782-6762

CERTIFIED MAIL
P 344 339 785

JAN 2 1 2000

Molex, Inc.
Attention: Eugene Hermanny
2222 Wellington Avenue
Lisle, Illinois 60532

Re: LPC #0430305116 -- DuPage County
Downers Grove/Molex
5225 Walnut Avenue
Incident #991205
LUST Technical File

Dear Mr. Hermanny:

The Illinois Environmental Protection Agency (Illinois EPA) has reviewed the 45-Day/Corrective Action Completion Report submitted pursuant to 35 Illinois Administrative Code (IAC) Section 732.202(e) and 732.300(b). The report, dated September 1999, was received by the Illinois EPA November 8, 1999 and was prepared by United Environmental Consultants, Inc.

Pursuant to 35 IAC Section 732.300(b)(1), an owner or operator may choose to remediate soil and groundwater in accordance with the remediation objectives in 35 IAC Section 732.408 without conducting a site classification. If the owner or operator chooses not to characterize the site in accordance with the procedures established in 35 IAC Part 732 and Title XVI of the Act, and to proceed under Section 732.300(b)(1), they may not be entitled to full payment if a request for reimbursement from the UST Fund is submitted.

Pursuant to 35 IAC Section 732.503(b), the Illinois EPA is notifying the owner or operator that the report is rejected for the reason(s) described below:

1. Soil samples were analyzed for BETX and PNAs. Soil samples were not sampled for the mineral spirits indicator contaminants specified in 35 IAC Part 732, Appendix A and Appendix B. Soil samples must be analyzed for volatiles, base/neutrals and the PNAs listed in Table A.

2. Free product was encountered in the tank removal excavation. Pursuant to 35 IAC Section 732.302(b), the Illinois EPA is requiring a groundwater investigation be conducted to confirm that the groundwater is not contaminated at levels in excess of the applicable groundwater objective specified in 35 IAC Part 742.

   Groundwater sample(s) may be collected from either:

   a. A single monitoring well installed with the boundaries of the excavation and screened to intersect the surface of the water table (not water which may be trapped in the backfill material); or

b. A minimum of four (4) soil borings (direct push technology or rotary auger) installed equidistant in native soil materials around the perimeter of the excavation.

Groundwater samples must be analyzed for volatiles, base/neutrals and PNAs listed in Attachment A.

If the groundwater sample(s) meet all applicable remediation objectives, no further investigation is required. If the groundwater sample(s) exceed any of the applicable remediation objectives, groundwater must be further investigated and/or evaluated per 35 IAC Part 742.

It should be noted that the 45-Day Report is approved pursuant to 35 IAC Section 732.503(b); therefore, the 45 day reporting requirements of 35 IAC Section 732.202(d) or 731.163(a) have been satisfied. This action does not constitute any decision or determination regarding the timeliness of the submittal of the 45-Day Report, nor does it waive or otherwise preclude any enforcement action the Illinois EPA may initiate in response to such a violation.

Personnel of the IEPA LUST Section would be pleased to hold a meeting or telephone conference with you and your environmental consultant to review the items discussed in this letter and to discuss corrective action options available to you pursuant to the LUST regulations (35 IAC Parts 731 and 732) and the Tiered Approach to Corrective Action Objectives (TACO) rules (35 IAC Part 742).

Within 35 days after the date of mailing of this final decision, the owner or operator may petition for a hearing before the Illinois Pollution Control Board (Board) to contest the decision of the Illinois EPA. (For information regarding the filing of an appeal, please contact the Board at 312/814-3620.) However, the 35-day period for petitioning for a hearing may be extended for a period of time not to exceed 90 days by written notice provided to the Board from the owner or operator and the Illinois EPA within the 35-day initial appeal period. (For information regarding the filing of an extension, please contact the Illinois EPA's Division of Legal Counsel at 217/782-5544.)

If you have questions or need further assistance, please contact Steve Jones at 217/524-1253.

Sincerely,

Hernando A. Albarracin

Hernando A. Albarracin
Unit Manager
Leaking Underground Storage Tank Section
Division of Remediation Management
Bureau of Land

HAA:SJ:jk\0035320.WPD

Attachment: Table A: Indicator Contaminants for Mineral Spirits

cc: United Environmental Consultants, Inc.
Division File

Table A: Indicator Contaminants for Mineral Spirits (35 IAC Part 732, Appendix B)

Volatiles

1. Benzene
2. Bromoform
3. Carbon tetrachloride
4. Chlorobenzene
5. Chloroform
6. Dichlorobromomethane
7. 1,2-Dichloroethane
8. 1,1-Dichloroethene
9. cis-1,2-Dichloroethylene
10. trans-1,2-Dichloroethylene
11. Dichloromethane (Methylene chloride)
12. 1,2-Dichloropropane
13. 1,3-Dichloropropylene (cis + trans)
14. Ethylbenzene
15. Styrene
16. Tetrachloroethylene
17. Toluene
18. 1,1,1-Trichloroethane
19. 1,1,2-Trichloroethane
20. Trichloroethylene
21. Vinyl chloride
22. Xylenes (total)

Base/Neutrals

1. Bis(2-chloroethyl)ether
2. Bis(2-ethylhexyl)phthalate
3. 1,2-Dichlorobenzene
4. 1,4-Dichlorobenzene
5. Hexachlorobenzene
6. Hexachlorocyclopentadiene
7. n-Nitrosodi-n-propylamine
8. n-Nitrosodiphenylamine
9. 1,2,4-Trichlorobenzene

Polynuclear Aromatics

1. Acenaphthene
2. Anthracene
3. Benzo(a)anthracene
4. Benzo(a)pyrene
5. Benzo(b)fluoranthene
6. Benzo(k)fluoranthene
7. Chrysene
8. Dibenzo(a,h)anthracene

Table A: Indicator Contaminants for Mineral Spirits (35 IAC Part 732, Appendix B) cont.

9. Fluoranthene
10. Fluorene
11. Indeno(1,2,3-c,d)pyrene
12. Naphthalene
13. Pyrene

Other Non-Carcinogenic PNAs (total)

14. Acenaphthylene
15. Benzo(g,h,i)perylene
16. Phenanthrene

SOIL BORING LOG DATA

PROJECT: Molex, Inc.	**BORING/WELL I.D.** (SB-1) EW/MW-1
LOCATION: 5225 Walnut Ave., Downers Grove, IL	**DRILLED:** 3/08/00
DRILLING METHOD: 2-inch soil probe	**GROUT TYPE:** Bentonite
TOTAL DEPTH DRILLED: 18 Feet	**GROUT INTERVAL:** All
DEPTH TO WATER: N/A	**CASING TYPE/DIA:** N/A
STATIC WATER ELEVATION: N/A	**CASING LENGTH:** N/A
GROUND ELEVATION: N/A	**SCREEN TYPE:** N/A
T.O.C. ELEVATION: N/A	**SCREENED INTERVAL:** N/A
LOGGED BY: Tony Bush	**GRAVEL PACK TYPE:** N/A
SIGNATURE:	**GRAVEL PACK INTERVAL:** N/A

NOTES: No hydrocarbon odors, staining or PID measurements were observed in the soil samples collected from this soil boring.

DEPTH — FORMATION DESCRIPTION

0' - 1'	Grass underlain by organic topsoil.
1' - 6'	**CLAY:** Light brown silty clay. Slightly moist.
6' - 12'	**CLAY:** Light brown silty clay. No staining/odors. Slightly moist.
12' - 18'	**CLAY:** Light brown silty clay. Moist, no staining or odors.
18'	**BORING TERMINATED**

	PID	TSF	NOTES
2' - 4'	<1ppm	3.0	
4' - 6'	<1ppm	3.0	
6' - 8'	<1ppm	3.5	Lab sample (EW)
8' - 10'	<1ppm	3.5	
10' - 12'	<1ppm	3.0	
12' - 14'	<1ppm	3.0	
14' - 16'	<1ppm	4.0	
16' - 18'	<1ppm	4.0	

SOIL BORING LOG DATA

PROJECT: Molex, Inc.	**BORING/WELL I.D.** (SB-2) NW
LOCATION: 5225 Walnut Ave., Downers Grove, IL	**DRILLED:** 3/08/00
DRILLING METHOD: 2-inch soil probe	**GROUT TYPE:** Bentonite
TOTAL DEPTH DRILLED: 18 Feet	**GROUT INTERVAL:** All
DEPTH TO WATER: N/A	**CASING TYPE/DIA:** N/A
STATIC WATER ELEVATION: N/A	**CASING LENGTH:** N/A
GROUND ELEVATION· N/A	**SCREEN TYPE:** N/A
T.O.C. ELEVATION: N/A	**SCREENED INTERVAL:** N/A
LOGGED BY: Tony Bush	**GRAVEL PACK TYPE:** N/A
SIGNATURE:	**GRAVEL PACK INTERVAL:** N/A

NOTES: No hydrocarbon odors, staining or PID measurements were observed in the soil samples collected from this soil boring.

DEPTH — FORMATION DESCRIPTION

0' - 1'	Grass underlain by organic topsoil.
1' - 6'	**CLAY:** Light brown silty clay. Slightly moist.
6' - 12'	**CLAY:** Light brown silty clay. No staining/odors. Slightly moist.
12' - 18'	**CLAY:** Light brown silty clay. Moist, no staining or odors.
18'	**BORING TERMINATED**

	PID	TSF	NOTES
2' - 4'	<1ppm	3.0	
4' - 6'	<1ppm	3.0	
6' - 8'	<1ppm	3.5	Lab sample (NW)
8' - 10'	<1ppm	3.5	
10' - 12'	<1ppm	3.0	
12' - 14'	<1ppm	3.0	
14' - 16'	<1ppm	4.0	
16' - 18'	<1ppm	4.0	

SOIL BORING LOG DATA

PROJECT: Molex, Inc.	**BORING/WELL I.D.** (SB-3) WW
LOCATION: 5225 Walnut Ave., Downers Grove, IL	**DRILLED:** 3/08/00
DRILLING METHOD: 2-inch soil probe	**GROUT TYPE:** Bentonite
TOTAL DEPTH DRILLED: 18 Feet	**GROUT INTERVAL:** All
DEPTH TO WATER: N/A	**CASING TYPE/DIA:** N/A
STATIC WATER ELEVATION: N/A	**CASING LENGTH:** N/A
GROUND ELEVATION: N/A	**SCREEN TYPE:** N/A
T.O.C. ELEVATION: N/A	**SCREENED INTERVAL:** N/A
LOGGED BY: Tony Bush	**GRAVEL PACK TYPE:** N/A
SIGNATURE:	**GRAVEL PACK INTERVAL:** N/A

NOTES: No hydrocarbon odors, staining or PID measurements were observed in the soil samples collected from this soil boring.

DEPTH — FORMATION DESCRIPTION

0' - 1'	Grass underlain by organic topsoil.
1' - 6'	**CLAY:** Light brown silty clay. Slightly moist.
6' - 12'	**CLAY:** Light brown silty clay. No staining/odors. Slightly moist.
12' - 18'	**CLAY:** Light brown silty clay. Moist, no staining or odors.
18'	**BORING TERMINATED**

	PID	TSF	NOTES
2' - 4'	<1ppm	3.0	
4' - 6'	<1ppm	3.0	
6' - 8'	<1ppm	3.5	
8' - 10'	<1ppm	3.5	Lab sample (WW)
10' - 12'	<1ppm	3.0	
12' - 14'	<1ppm	3.0	
14' - 16'	<1ppm	4.0	
16' - 18'	<1ppm	4.0	

SOIL BORING LOG DATA

PROJECT: Molex, Inc.	**BORING/WELL I.D.** (SB-4) SW
LOCATION: 5225 Walnut Ave., Downers Grove, IL	**DRILLED:** 3/08/00
DRILLING METHOD: 2-inch soil probe	**GROUT TYPE:** Bentonite
TOTAL DEPTH DRILLED: 18 Feet	**GROUT INTERVAL:** All
DEPTH TO WATER: N/A	**CASING TYPE/DIA:** N/A
STATIC WATER ELEVATION: N/A	**CASING LENGTH:** N/A
GROUND ELEVATION: N/A	**SCREEN TYPE:** N/A
T.O.C. ELEVATION: N/A	**SCREENED INTERVAL:** N/A
LOGGED BY: Tony Bush	**GRAVEL PACK TYPE:** N/A
SIGNATURE:	**GRAVEL PACK INTERVAL:** N/A

NOTES: No hydrocarbon odors, staining or PID measurements were observed in the soil samples collected from this soil boring.

DEPTH — FORMATION DESCRIPTION

0' - 1'	Grass underlain by organic topsoil.
1' - 6'	**CLAY:** Light brown silty clay. Slightly moist.
6' - 12'	**CLAY:** Light brown silty clay. No staining/odors. Slightly moist.
12' - 18'	**CLAY:** Light brown silty clay. Moist, no staining or odors.
18'	**BORING TERMINATED**

	PID	TSF	NOTES
2' - 4'	<1ppm	3.0	
4' - 6'	<1ppm	3.0	
6' - 8'	<1ppm	3.5	
8' - 10'	<1ppm	3.5	Lab sample (SW)
10' - 12'	<1ppm	3.0	
12' - 14'	<1ppm	3.0	
14' - 16'	<1ppm	4.0	
16' - 18'	<1ppm	4.0	

SOIL BORING LOG DATA

PROJECT: Molex, Inc.	**BORING/WELL I.D.** (SB-5) Floor
LOCATION: 5225 Walnut Ave., Downers Grove, IL	**DRILLED:** 3/08/00
DRILLING METHOD: 2-inch soil probe	**GROUT TYPE:** Bentonite
TOTAL DEPTH DRILLED: 18 Feet	**GROUT INTERVAL:** All
DEPTH TO WATER: N/A	**CASING TYPE/DIA:** N/A
STATIC WATER ELEVATION: N/A	**CASING LENGTH:** N/A
GROUND ELEVATION: N/A	**SCREEN TYPE:** N/A
T.O.C. ELEVATION: N/A	**SCREENED INTERVAL:** N/A
LOGGED BY: Tony Bush	**GRAVEL PACK TYPE:** N/A
SIGNATURE:	**GRAVEL PACK INTERVAL:** N/A

NOTES: No hydrocarbon odors, staining or PID measurements were observed in the soil samples collected from this soil boring.

DEPTH — FORMATION DESCRIPTION

0' - 14'	Gravel.
14' -18'	**CLAY:** Light brown silty clay. Slightly moist. No staining or odors.
18'	**BORING TERMINATED**

	PID	TSF	NOTES
0' - 14'	<1ppm	N/A	
14' - 16'	<1ppm	4.0	
16' - 18'	<1ppm	4.0	Lab sample (Floor)

GREAT LAKES ANALYTICAL 1380 Busch Parkway • Buffalo Grove, Illinois 60089 (847) 808-7766 FAX (847) 808-7772

March 28, 2000

George Moncek
United Environmental Consultants
119 E. Palatine Road
Palatine, IL 60067

RE: Molex

Dear George Moncek

Enclosed are the results of analyses for sample(s) received by the laboratory on March 16, 2000. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Andy Johnson
Project Manager

GREAT LAKES ANALYTICAL
1380 Busch Parkway • Buffalo Grove, Illinois 60089
(847) 808-7766 FAX (847) 808-7772

United Environmental Consultants	Project:	Molex	Sampled: 3/10/00
119 E. Palatine Road	Project Number:	N/A	Received: 3/16/00
Palatine, IL 60067	Project Manager:	George Moncek	Reported: 3/28/00 07:15

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
NW	B003358-01	Soil	3/10/00
SW	B003358-02	Soil	3/10/00
EW	B003358-03	Soil	3/10/00
WW	B003358-04	Soil	3/10/00
Floor	B003358-05	Soil	3/10/00

Great Lakes Analytical

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL 1380 Busch Parkway • Buffalo Grove, Illinois 60089 (847) 808-7766 FAX (847) 808-7772

United Environmental Consultants	Project:	Molex	Sampled: 3/10/00
119 E. Palatine Road	Project Number:	N/A	Received: 3/16/00
Palatine, IL 60067	Project Manager:	George Moncek	Reported: 3/28/00 07:15

Semivolatile Organic Compounds by EPA Method 8270C
Great Lakes Analytical

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
NW			B003358-01				Soil	
Acenaphthene	0030451	3/17/00	3/22/00		0.0850	ND	mg/kg	
Acenaphthylene	"	"	"		0.0850	ND	"	
Anthracene	"	"	"		0.0850	ND	"	
Benz (a) anthracene	"	"	"		0.0850	ND	"	
Benzo (a) pyrene	"	"	"		0.0850	ND	"	
Benzo (b) fluoranthene	"	"	"		0.0850	ND	"	
Benzo (ghi) perylene	"	"	"		0.0850	ND	"	
Benzo (k) fluoranthene	"	"	"		0.0850	ND	"	
Bis(2-chloroethyl)ether	"	"	"		0.0850	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		0.281	ND	"	
Chrysene	"	"	"		0.0850	ND	"	
Dibenz (a,h) anthracene	"	"	"		0.0850	ND	"	
1,2-Dichlorobenzene	"	"	"		0.0850	ND	"	
1,4-Dichlorobenzene	"	"	"		0.0850	ND	"	
Fluoranthene	"	"	"		0.0850	ND	"	
Fluorene	"	"	"		0.0850	ND	"	
Hexachlorobenzene	"	"	"		0.0850	ND	"	
Hexachlorocyclopentadiene	"	"	"		0.0850	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		0.0850	ND	"	
Naphthalene	"	"	"		0.0850	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		0.0850	ND	"	
N-Nitrosodiphenylamine	"	"	"		0.0850	ND	"	
Phenanthrene	"	"	"		0.0850	ND	"	
Pyrene	"	"	"		0.0850	ND	"	
1,2,4-Trichlorobenzene	"	"	"		0.0850	ND	"	
Surrogate: 2-Fluorophenol	"	"	"	*29.0-167*		*68.2*	%	
Surrogate: Phenol-d6	"	"	"	*43.0-157*		*64.6*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*18.0-93.0*		*65.9*	"	
Surrogate: 2-Fluorobiphenyl	"	"	"	*23.0-103*		*57.2*	"	
Surrogate: 2,4,6-Tribromophenol	"	"	"	*31.0-163*		*66.7*	"	
Surrogate: p-Terphenyl-d14	"	"	"	*16.0-116*		*40.7*	"	

Great Lakes Analytical

**Refer to end of report for text of notes and definitions.*

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL 1380 Busch Parkway • Buffalo Grove, Illinois 60089 (847) 808-7766 FAX (847) 808-7772

United Environmental Consultants	Project:	Molex	Sampled: 3/10/00
119 E. Palatine Road	Project Number:	N/A	Received: 3/16/00
Palatine, IL 60067	Project Manager:	George Moncek	Reported: 3/28/00 07:15

Semivolatile Organic Compounds by EPA Method 8270C
Great Lakes Analytical

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
SW			B003358-02				Soil	
Acenaphthene	0030451	3/17/00	3/22/00		0.0850	ND	mg/kg	
Acenaphthylene	"	"	"		0.0850	ND	"	
Anthracene	"	"	"		0.0850	ND	"	
Benz (a) anthracene	"	"	"		0.0850	ND	"	
Benzo (a) pyrene	"	"	"		0.0850	ND	"	
Benzo (b) fluoranthene	"	"	"		0.0850	ND	"	
Benzo (ghi) perylene	"	"	"		0.0850	ND	"	
Benzo (k) fluoranthene	"	"	"		0.0850	ND	"	
Bis(2-chloroethyl)ether	"	"	"		0.0850	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		0.281	ND	"	
Chrysene	"	"	"		0.0850	ND	"	
Dibenz (a,h) anthracene	"	"	"		0.0850	ND	"	
1,2-Dichlorobenzene	"	"	"		0.0850	ND	"	
1,4-Dichlorobenzene	"	"	"		0.0850	ND	"	
Fluoranthene	"	"	"		0.0850	ND	"	
Fluorene	"	"	"		0.0850	ND	"	
Hexachlorobenzene	"	"	"		0.0850	ND	"	
Hexachlorocyclopentadiene	"	"	"		0.0850	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		0.0850	ND	"	
Naphthalene	"	"	"		0.0850	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		0.0850	ND	"	
N-Nitrosodiphenylamine	"	"	"		0.0850	ND	"	
Phenanthrene	"	"	"		0.0850	ND	"	
Pyrene	"	"	"		0.0850	ND	"	
1,2,4-Trichlorobenzene	"	"	"		0.0850	ND	"	
Surrogate: 2-Fluorophenol	"	"	"	*29.0-167*		*63.9*	%	
Surrogate: Phenol-d6	"	"	"	*43.0-157*		*60.3*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*18.0-93.0*		*62.5*	"	
Surrogate: 2-Fluorobiphenyl	"	"	"	*23.0-103*		*54.6*	"	
Surrogate: 2,4,6-Tribromophenol	"	"	"	*31.0-163*		*60.0*	"	
Surrogate: p-Terphenyl-d14	"	"	"	*16.0-116*		*39.6*	"	

Great Lakes Analytical

**Refer to end of report for text of notes and definitions.*

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL 1380 Busch Parkway • Buffalo Grove, Illinois 60089 (847) 808-7766 FAX (847) 808-7772

United Environmental Consultants	Project:	Molex	Sampled: 3/10/00
119 E. Palatine Road	Project Number:	N/A	Received: 3/16/00
Palatine, IL 60067	Project Manager:	George Moncek	Reported: 3/28/00 07:15

Semivolatile Organic Compounds by EPA Method 8270C
Great Lakes Analytical

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EW			**B003358-03**				**Soil**	
Acenaphthene	0030451	3/17/00	3/22/00		0.0850	ND	mg/kg	
Acenaphthylene	"	"	"		0.0850	ND	"	
Anthracene	"	"	"		0.0850	ND	"	
Benz (a) anthracene	"	"	"		0.0850	ND	"	
Benzo (a) pyrene	"	"	"		0.0850	ND	"	
Benzo (b) fluoranthene	"	"	"		0.0850	ND	"	
Benzo (ghi) perylene	"	"	"		0.0850	ND	"	
Benzo (k) fluoranthene	"	"	"		0.0850	ND	"	
Bis(2-chloroethyl)ether	"	"	"		0.0850	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		0.281	ND	"	
Chrysene	"	"	"		0.0850	ND	"	
Dibenz (a,h) anthracene	"	"	"		0.0850	ND	"	
1,2-Dichlorobenzene	"	"	"		0.0850	ND	"	
1,4-Dichlorobenzene	"	"	"		0.0850	ND	"	
Fluoranthene	"	"	"		0.0850	ND	"	
Fluorene	"	"	"		0.0850	ND	"	
Hexachlorobenzene	"	"	"		0.0850	ND	"	
Hexachlorocyclopentadiene	"	"	"		0.0850	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		0.0850	ND	"	
Naphthalene	"	"	"		0.0850	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		0.0850	ND	"	
N-Nitrosodiphenylamine	"	"	"		0.0850	ND	"	
Phenanthrene	"	"	"		0.0850	ND	"	
Pyrene	"	"	"		0.0850	ND	"	
1,2,4-Trichlorobenzene	"	"	"		0.0850	ND	"	
Surrogate: 2-Fluorophenol	"	"	"	*29.0-167*		*58.7*	*%*	
Surrogate: Phenol-d6	"	"	"	*43.0-157*		*57.2*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*18.0-93.0*		*59.5*	"	
Surrogate: 2-Fluorobiphenyl	"	"	"	*23.0-103*		*52.1*	"	
Surrogate: 2,4,6-Tribromophenol	"	"	"	*31.0-163*		*55.7*	"	
Surrogate: p-Terphenyl-d14	"	"	"	*16.0-116*		*39.2*	"	

Great Lakes Analytical

**Refer to end of report for text of notes and definitions.*

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL 1380 Busch Parkway • Buffalo Grove, Illinois 60089 (847) 808-7766 FAX (847) 808-7772

United Environmental Consultants	Project:	Molex	Sampled: 3/10/00
119 E. Palatine Road	Project Number:	N/A	Received: 3/16/00
Palatine, IL 60067	Project Manager:	George Moncek	Reported: 3/28/00 07:15

Semivolatile Organic Compounds by EPA Method 8270C
Great Lakes Analytical

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
WW			B003358-04				Soil	
Acenaphthene	0030451	3/17/00	3/22/00		0.0850	ND	mg/kg	
Acenaphthylene	"	"	"		0.0850	ND	"	
Anthracene	"	"	"		0.0850	ND	"	
Benz (a) anthracene	"	"	"		0.0850	ND	"	
Benzo (a) pyrene	"	"	"		0.0850	ND	"	
Benzo (b) fluoranthene	"	"	"		0.0850	ND	"	
Benzo (ghi) perylene	"	"	"		0.0850	ND	"	
Benzo (k) fluoranthene	"	"	"		0.0850	ND	"	
Bis(2-chloroethyl)ether	"	"	"		0.0850	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		0.281	ND	"	
Chrysene	"	"	"		0.0850	ND	"	
Dibenz (a,h) anthracene	"	"	"		0.0850	ND	"	
1,2-Dichlorobenzene	"	"	"		0.0850	ND	"	
1,4-Dichlorobenzene	"	"	"		0.0850	ND	"	
Fluoranthene	"	"	"		0.0850	ND	"	
Fluorene	"	"	"		0.0850	ND	"	
Hexachlorobenzene	"	"	"		0.0850	ND	"	
Hexachlorocyclopentadiene	"	"	"		0.0850	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		0.0850	ND	"	
Naphthalene	"	"	"		0.0850	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		0.0850	ND	"	
N-Nitrosodiphenylamine	"	"	"		0.0850	ND	"	
Phenanthrene	"	"	"		0.0850	ND	"	
Pyrene	"	"	"		0.0850	ND	"	
1,2,4-Trichlorobenzene	"	"	"		0.0850	ND	"	
Surrogate: 2-Fluorophenol	"	"	"	*29.0-167*		*69.5*	%	
Surrogate: Phenol-d6	"	"	"	*43.0-157*		*65.4*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*18.0-93.0*		*67.5*	"	
Surrogate: 2-Fluorobiphenyl	"	"	"	*23.0-103*		*59.8*	"	
Surrogate: 2,4,6-Tribromophenol	"	"	"	*31.0-163*		*66.3*	"	
Surrogate: p-Terphenyl-d14	"	"	"	*16.0-116*		*42.8*	"	

Great Lakes Analytical

**Refer to end of report for text of notes and definitions.*

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL 1380 Busch Parkway • Buffalo Grove, Illinois 60089 (847) 808-7766 FAX (847) 808-7772

United Environmental Consultants	Project:	Molex	Sampled: 3/10/00
119 E. Palatine Road	Project Number:	N/A	Received: 3/16/00
Palatine, IL 60067	Project Manager:	George Moncek	Reported: 3/28/00 07:15

Semivolatile Organic Compounds by EPA Method 8270C
Great Lakes Analytical

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
Floor			**B003358-05**				**Soil**	
Acenaphthene	0030451	3/17/00	3/22/00		0.0850	ND	mg/kg	
Acenaphthylene	"	"	"		0.0850	ND	"	
Anthracene	"	"	"		0.0850	ND	"	
Benz (a) anthracene	"	"	"		0.0850	ND	"	
Benzo (a) pyrene	"	"	"		0.0850	ND	"	
Benzo (b) fluoranthene	"	"	"		0.0850	ND	"	
Benzo (ghi) perylene	"	"	"		0.0850	ND	"	
Benzo (k) fluoranthene	"	"	"		0.0850	ND	"	
Bis(2-chloroethyl)ether	"	"	"		0.0850	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		0.281	ND	"	
Chrysene	"	"	"		0.0850	ND	"	
Dibenz (a,h) anthracene	"	"	"		0.0850	ND	"	
1,2-Dichlorobenzene	"	"	"		0.0850	ND	"	
1,4-Dichlorobenzene	"	"	"		0.0850	ND	"	
Fluoranthene	"	"	"		0.0850	ND	"	
Fluorene	"	"	"		0.0850	ND	"	
Hexachlorobenzene	"	"	"		0.0850	ND	"	
Hexachlorocyclopentadiene	"	"	"		0.0850	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		0.0850	ND	"	
Naphthalene	"	"	"		0.0850	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		0.0850	ND	"	
N-Nitrosodiphenylamine	"	"	"		0.0850	ND	"	
Phenanthrene	"	"	"		0.0850	ND	"	
Pyrene	"	"	"		0.0850	ND	"	
1,2,4-Trichlorobenzene	"	"	"		0.0850	ND	"	
Surrogate: 2-Fluorophenol	"	"	"	*29.0-167*		*63.3*	%	
Surrogate: Phenol-d6	"	"	"	*43.0-157*		*59.2*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*18.0-93.0*		*62.1*	"	
Surrogate: 2-Fluorobiphenyl	"	"	"	*23.0-103*		*49.6*	"	
Surrogate: 2,4,6-Tribromophenol	"	"	"	*31.0-163*		*53.3*	"	
Surrogate: p-Terphenyl-d14	"	"	"	*16.0-116*		*39.2*	"	

Great Lakes Analytical

**Refer to end of report for text of notes and definitions.*

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL 1380 Busch Parkway • Buffalo Grove, Illinois 60089 (847) 808-7766 FAX (847) 808-7772

United Environmental Consultants	Project:	Molex	Sampled: 3/10/00
119 E. Palatine Road	Project Number:	N/A	Received: 3/16/00
Palatine, IL 60067	Project Manager:	George Moncek	Reported: 3/28/00 07:15

Volatile Organic Compounds by EPA Method 5035/8260B (High Level)
Great Lakes Analytical

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
NW			B003358-01				Soil	
Benzene	0030554	3/22/00	3/23/00		0.100	ND	mg/kg	
Bromodichloromethane	"	"	"		0.100	ND	"	
Bromoform	"	"	"		0.100	ND	"	
Carbon tetrachloride	"	"	"		0.100	ND	"	
Chlorobenzene	"	"	"		0.100	ND	"	
Chloroform	"	"	"		0.100	ND	"	
1,2-Dichloroethane	"	"	"		0.100	ND	"	
1,1-Dichloroethene	"	"	"		0.100	ND	"	
cis-1,2-Dichloroethene	"	"	"		0.100	ND	"	
trans-1,2-Dichloroethene	"	"	"		0.100	ND	"	
1,2-Dichloropropane	"	"	"		0.100	ND	"	
cis-1,3-Dichloropropene	"	"	"		0.100	ND	"	
trans-1,3-Dichloropropene	"	"	"		0.100	ND	"	
Ethylbenzene	"	"	"		0.100	ND	"	
Methylene chloride	"	"	"		*0.100*	ND	"	
Styrene	"	"	"		0.100	ND	"	
Tetrachloroethene	"	"	"		0.100	ND	"	
Toluene	"	"	"		*0.100*	ND	"	
1,1,1-Trichloroethane	"	"	"		0.100	ND	"	
1,1,2-Trichloroethane	"	"	"		0.100	ND	"	
Trichloroethene	"	"	"		0.100	ND	"	
Vinyl chloride	"	"	"		0.100	ND	"	
Total Xylenes	"	"	"		0.100	ND	"	
Surrogate: Dibromofluoromethane	"	"	"	*86.0-118*		*103*	%	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*80.0-120*		*103*	"	
Surrogate: Toluene-d8	"	"	"	*88.0-110*		*103*	"	
Surrogate: 4-Bromofluorobenzene	"	"	"	*86.0-115*		*95.4*	"	

Great Lakes Analytical

**Refer to end of report for text of notes and definitions.*

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL 1380 Busch Parkway • Buffalo Grove, Illinois 60089 (847) 808-7766 FAX (847) 808-7772

United Environmental Consultants	Project:	Molex	Sampled: 3/10/00
119 E. Palatine Road	Project Number:	N/A	Received: 3/16/00
Palatine, IL 60067	Project Manager:	George Moncek	Reported: 3/28/00 07:15

Volatile Organic Compounds by EPA Method 5035/8260B (High Level)
Great Lakes Analytical

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
SW			B003358-02				Soil	
Benzene	0030554	3/22/00	3/23/00		0.100	ND	mg/kg	
Bromodichloromethane	"	"	"		0.100	ND	"	
Bromoform	"	"	"		0.100	ND	"	
Carbon tetrachloride	"	"	"		0.100	ND	"	
Chlorobenzene	"	"	"		0.100	ND	"	
Chloroform	"	"	"		0.100	ND	"	
1.2-Dichloroethane	"	"	"		0.100	ND	"	
1.1-Dichloroethene	"	"	"		0.100	ND	"	
cis-1,2-Dichloroethene	"	"	"		0.100	ND	"	
trans-1,2-Dichloroethene	"	"	"		0.100	ND	"	
1.2-Dichloropropane	"	"	"		0.100	ND	"	
cis-1.3-Dichloropropene	"	"	"		0.100	ND	"	
trans-1,3-Dichloropropene	"	"	"		0.100	ND	"	
Ethylbenzene	"	"	"		0.100	ND	"	
Methylene chloride	"	"	"		0.100	ND	"	
Styrene	"	"	"		0.100	ND	"	
Tetrachloroethene	"	"	"		0.100	ND	"	
Toluene	"	"	"		0.100	ND	"	
1.1.1-Trichloroethane	"	"	"		0.100	ND	"	
1.1.2-Trichloroethane	"	"	"		0.100	ND	"	
Trichloroethene	"	"	"		0.100	ND	"	
Vinyl chloride	"	"	"		0.100	ND	"	
Total Xylenes	"	"	"		0.100	ND	"	
Surrogate: Dibromofluoromethane	"	"	"	*86.0-118*		*95.2*	%	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*80.0-120*		*101*	"	
Surrogate: Toluene-d8	"	"	"	*88.0-110*		*103*	"	
Surrogate: 4-Bromofluorobenzene	"	"	"	*86.0-115*		*95.0*	"	

Great Lakes Analytical

**Refer to end of report for text of notes and definitions.*

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL 1380 Busch Parkway • Buffalo Grove, Illinois 60089 (847) 808-7766 FAX (847) 808-7772

United Environmental Consultants	Project:	Molex	Sampled: 3/10/00
119 E. Palatine Road	Project Number:	N/A	Received: 3/16/00
Palatine, IL 60067	Project Manager:	George Moncek	Reported: 3/28/00 07:15

Volatile Organic Compounds by EPA Method 5035/8260B (High Level)
Great Lakes Analytical

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EW			**B003358-03**				Soil	
Benzene	0030554	3/22/00	3/23/00		0.100	ND	mg/kg	
Bromodichloromethane	"	"	"		0.100	ND	"	
Bromoform	"	"	"		0.100	ND	"	
Carbon tetrachloride	"	"	"		0.100	ND	"	
Chlorobenzene	"	"	"		0.100	ND	"	
Chloroform	"	"	"		0.100	ND	"	
1,2-Dichloroethane	"	"	"		0.100	ND	"	
1,1-Dichloroethene	"	"	"		0.100	ND	"	
cis-1,2-Dichloroethene	"	"	"		0.100	ND	"	
trans-1,2-Dichloroethene	"	"	"		0.100	ND	"	
1,2-Dichloropropane	"	"	"		0.100	ND	"	
cis-1,3-Dichloropropene	"	"	"		0.100	ND	"	
trans-1,3-Dichloropropene	"	"	"		0.100	ND	"	
Ethylbenzene	"	"	"		0.100	ND	"	
Methylene chloride	"	"	"		0.100	ND	"	
Styrene	"	"	"		0.100	ND	"	
Tetrachloroethene	"	"	"		0.100	ND	"	
Toluene	"	"	"		0.100	ND	"	
1,1,1-Trichloroethane	"	"	"		0.100	ND	"	
1,1,2-Trichloroethane	"	"	"		0.100	ND	"	
Trichloroethene	"	"	"		0.100	ND	"	
Vinyl chloride	"	"	"		0.100	ND	"	
Total Xylenes	"	"	"		0.100	ND	"	
Surrogate: Dibromofluoromethane	"	"	"	*86.0-118*		*82.2*	%	*O4*
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*80.0-120*		*106*	"	
Surrogate: Toluene-d8	"	"	"	*88.0-110*		*134*	"	*O5*
Surrogate: 4-Bromofluorobenzene	"	"	"	*86.0-115*		*99.6*	"	

Great Lakes Analytical

**Refer to end of report for text of notes and definitions.*

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL 1380 Busch Parkway • Buffalo Grove, Illinois 60089 (847) 808-7766 FAX (847) 808-7772

United Environmental Consultants	Project:	Molex	Sampled: 3/10/00
119 E. Palatine Road	Project Number:	N/A	Received: 3/16/00
Palatine, IL 60067	Project Manager:	George Moncek	Reported: 3/28/00 07:15

Volatile Organic Compounds by EPA Method 5035/8260B (High Level)
Great Lakes Analytical

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
WW			**B003358-04**				**Soil**	
Benzene	0030554	3/22/00	3/23/00		0.100	ND	mg/kg	
Bromodichloromethane	"	"	"		0.100	ND	"	
Bromoform	"	"	"		0.100	ND	"	
Carbon tetrachloride	"	"	"		0.100	ND	"	
Chlorobenzene	"	"	"		0.100	ND	"	
Chloroform	"	"	"		0.100	ND	"	
1,2-Dichloroethane	"	"	"		0.100	ND	"	
1,1-Dichloroethene	"	"	"		0.100	ND	"	
cis-1,2-Dichloroethene	"	"	"		0.100	ND	"	
trans-1,2-Dichloroethene	"	"	"		0.100	ND	"	
1,2-Dichloropropane	"	"	"		0.100	ND	"	
cis-1,3-Dichloropropene	"	"	"		0.100	ND	"	
trans-1,3-Dichloropropene	"	"	"		0.100	ND	"	
Ethylbenzene	"	"	"		0.100	ND	"	
Methylene chloride	"	"	"		0.100	ND	"	
Styrene	"	"	"		0.100	ND	"	
Tetrachloroethene	"	"	"		0.100	ND	"	
Toluene	"	"	"		0.100	ND	"	
1,1,1-Trichloroethane	"	"	"		0.100	ND	"	
1,1,2-Trichloroethane	"	"	"		0.100	ND	"	
Trichloroethene	"	"	"		0.100	ND	"	
Vinyl chloride	"	"	"		0.100	ND	"	
Total Xylenes	"	"	"		0.100	ND	"	
Surrogate: Dibromofluoromethane	"	"	"	*86.0-118*		*111*	%	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*80.0-120*		*92.6*	"	
Surrogate: Toluene-d8	"	"	"	*88.0-110*		*104*	"	
Surrogate: 4-Bromofluorobenzene	"	"	"	*86.0-115*		*91.8*	"	

Great Lakes Analytical

**Refer to end of report for text of notes and definitions.*

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL 1380 Busch Parkway • Buffalo Grove, Illinois 60089 (847) 808-7766 FAX (847) 808-7772

United Environmental Consultants	Project:	Molex	Sampled: 3/10/00
119 E. Palatine Road	Project Number:	N/A	Received: 3/16/00
Palatine, IL 60067	Project Manager:	George Moncek	Reported: 3/28/00 07:15

Volatile Organic Compounds by EPA Method 5035/8260B (High Level)
Great Lakes Analytical

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
Floor			**B003358-05**				**Soil**	
Benzene	0030554	3/22/00	3/23/00		0.100	ND	mg/kg	
Bromodichloromethane	"	"	"		0.100	ND	"	
Bromoform	"	"	"		0.100	ND	"	
Carbon tetrachloride	"	"	"		0.100	ND	"	
Chlorobenzene	"	"	"		0.100	ND	"	
Chloroform	"	"	"		0.100	ND	"	
1,2-Dichloroethane	"	"	"		0.100	ND	"	
1,1-Dichloroethene	"	"	"		0.100	ND	"	
cis-1,2-Dichloroethene	"	"	"		0.100	ND	"	
trans-1,2-Dichloroethene	"	"	"		0.100	ND	"	
1,2-Dichloropropane	"	"	"		0.100	ND	"	
cis-1,3-Dichloropropene	"	"	"		0.100	ND	"	
trans-1,3-Dichloropropene	"	"	"		0.100	ND	"	
Ethylbenzene	"	"	"		0.100	ND	"	
Methylene chloride	"	"	"		0.100	ND	"	
Styrene	"	"	"		0.100	ND	"	
Tetrachloroethene	"	"	"		0.100	ND	"	
Toluene	"	"	"		0.100	ND	"	
1,1,1-Trichloroethane	"	"	"		0.100	ND	"	
1,1,2-Trichloroethane	"	"	"		0.100	ND	"	
Trichloroethene	"	"	"		0.100	ND	"	
Vinyl chloride	"	"	"		0.100	ND	"	
Total Xylenes	"	"	"		0.100	ND	"	
Surrogate: Dibromofluoromethane	"	"	"	*86.0-118*		*101*	%	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*80.0-120*		*90.8*	"	
Surrogate: Toluene-d8	"	"	"	*88.0-110*		*104*	"	
Surrogate: 4-Bromofluorobenzene	"	"	"	*86.0-115*		*94.8*	"	

Great Lakes Analytical

*Refer to end of report for text of notes and definitions.

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL 1380 Busch Parkway • Buffalo Grove, Illinois 60089 (847) 808-7766 FAX (847) 808-7772

United Environmental Consultants	Project:	Molex	Sampled:	3/10/00
119 E. Palatine Road	Project Number:	N/A	Received:	3/16/00
Palatine, IL 60067	Project Manager:	George Moncek	Reported:	3/28/00 07:15

Dry Weight Determination
Great Lakes Analytical

Sample Name	Lab ID	Matrix	Result	Units
NW	B003358-01	Soil	87.0	%
SW	B003358-02	Soil	85.1	%
EW	B003358-03	Soil	83.6	%
WW	B003358-04	Soil	86.6	%
Floor	B003358-05	Soil	86.7	%

Great Lakes Analytical

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL 1380 Busch Parkway • Buffalo Grove, Illinois 60089 (847) 808-7766 FAX (847) 808-7772

United Environmental Consultants	Project:	Molex	Sampled: 3/10/00
119 E. Palatine Road	Project Number:	N/A	Received: 3/16/00
Palatine, IL 60067	Project Manager:	George Moncek	Reported: 3/28/00 07:15

Notes and Definitions

#	Note
O4	One or more surrogate recoveries were below the laboratory's established acceptance criteria.
O5	One or more surrogate recoveries were above the laboratory's established acceptance criteria.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

Great Lakes Analytical

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

CHAIN OF CUSTODY REPORT

1560 Busch Parkway
Buffalo Grove, IL 60089-4505
(847) 808-7766
FAX (847) 808-7772

2025 Watertown Road
Brookfield, WI 53501
(414) 798-1030
FAX (414) 798-1066

Client: UNITED ENV. CONS., INC.
Address: 119 E PALATINE RD, STE 101
PALATINE, IL 60067
Report to: G. MONCEK
Phone #: (847) 359-8700
Fax #: 8755

Bill To: SAME
Address:
State & Program: IL LUST
Phone #: (
Fax #: 500

TAT: 5 DAY 4 DAY 3 DAY 2 DAY 1 DAY < 24 HRS.
DATE RESULTS NEEDED:
TEMPERATURE UPON RECEIPT:
AIR BILL NO.

Project: MOLEX
Sampler: T. BUSH
PO/Quote #:

	FIELD ID, LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	PRESERVATIVES	NO. CONTAINERS	TYPE CONTAINERS	VOC's	BASE NEUTRALS	PNA's	SAMPLE CONTROL: CRACKED/BROKEN	SAMPLE CONTROL: IMPROPERLY SEALED	SAMPLE CONTROL: GOOD CONDITION	LABORATORY ID NUMBER
1	NW	3/10/00		S	MeOH <4°C	2	2oz.							B003358-1
2	SW													2
3	SW													3
4	WW													4
5	FLOOR													5
6														
7														
8														
9														
10														

RELINQUISHED	RECEIVED	RELINQUISHED	RECEIVED
3/10/00	3-10	3-10 1553	3/10
RELINQUISHED	RECEIVED	RELINQUISHED	RECEIVED

COMMENTS:

PAGE OF

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

March 29, 2000

George Moncek
United Environmental Consultants
119 E. Palatine Road
Palatine, IL 60067

RE: Molex

Dear George Moncek

Enclosed are the results of analyses for sample(s) received by the laboratory on March 21, 2000. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Andy Johnson
Project Manager

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

United Environmental Consultants	Project:	Molex	Sampled: 3/21/00
119 E. Palatine Road	Project Number:	N/A	Received: 3/21/00
Palatine, IL 60067	Project Manager:	George Moncek	Reported: 3/29/00 12:18

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	B003465-01	Water	3/21/00

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

United Environmental Consultants	Project:	Molex	Sampled: 3/21/00
119 E. Palatine Road	Project Number:	N/A	Received: 3/21/00
Palatine, IL 60067	Project Manager:	George Moncek	Reported: 3/29/00 12:18

Volatile Organic Compounds by EPA Method 8021B
Great Lakes Analytical

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-1			**B003465-01**				**Water**	
Benzene	0030752	3/28/00	3/28/00		0.000500	ND	mg/l	
Bromodichloromethane	"	"	"		0.000500	ND	"	
Bromoform	"	"	"		0.000500	ND	"	
Carbon tetrachloride	"	"	"		0.000500	ND	"	
Chlorobenzene	"	"	"		0.000500	ND	"	
Chloroform	"	"	"		0.000500	ND	"	
1,2-Dichloroethane	"	"	"		0.000500	ND	"	
1,1-Dichloroethene	"	"	"		0.000500	ND	"	
cis-1,2-Dichloroethene	"	"	"		0.000500	ND	"	
trans-1,2-Dichloroethene	"	"	"		0.000500	ND	"	
1,2-Dichloropropane	"	"	"		0.000500	ND	"	
cis-1,3-Dichloropropene	"	"	"		0.000500	ND	"	
trans-1,3-Dichloropropene	"	"	"		0.000500	ND	"	
Ethylbenzene	"	"	"		0.000500	ND	"	
Methylene chloride	"	"	"		0.000500	ND	"	
Styrene	"	"	"		0.000500	ND	"	
Tetrachloroethene	"	"	"		0.000500	ND	"	
Toluene	"	"	"		0.000500	ND	"	
1,1,1-Trichloroethane	"	"	"		0.000500	ND	"	
1,1,2-Trichloroethane	"	"	"		0.000500	ND	"	
Trichloroethene	"	"	"		0.000500	ND	"	
Vinyl chloride	"	"	"		0.000500	ND	"	
Total Xylenes	"	"	"		0.000500	ND	"	
Surrogate: 4-BFB (ELCD)	"	"	"	*80.0-120*		*104*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*80.0-120*		*96.0*	"	

Great Lakes Analytical

**Refer to end of report for text of notes and definitions.*

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

United Environmental Consultants	Project:	Molex	Sampled: 3/21/00
119 E. Palatine Road	Project Number:	N/A	Received: 3/21/00
Palatine, IL 60067	Project Manager:	George Moncek	Reported: 3/29/00 12:18

Semivolatile Organic Compounds by EPA Method 8270C
Great Lakes Analytical

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-1			**B003465-01**				**Water**	
Acenaphthene	0030543	3/22/00	3/26/00		0.00200	ND	mg/l	
Acenaphthylene	"	"	"		0.00200	ND	"	
Anthracene	"	"	"		0.00200	ND	"	
Benz (a) anthracene	"	"	"		0.00200	ND	"	
Benzo (a) pyrene	"	"	"		0.00200	ND	"	
Benzo (b) fluoranthene	"	"	"		0.00200	ND	"	
Benzo (ghi) perylene	"	"	"		0.00200	ND	"	
Benzo (k) fluoranthene	"	"	"		0.00200	ND	"	
Bis(2-chloroethyl)ether	"	"	"		0.00200	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		0.0100	ND	"	
Chrysene	"	"	"		0.00200	ND	"	
Dibenz (a,h) anthracene	"	"	"		0.00200	ND	"	
1,2-Dichlorobenzene	"	"	"		0.00200	ND	"	
1,4-Dichlorobenzene	"	"	"		0.00200	ND	"	
Fluoranthene	"	"	"		0.00200	ND	"	
Fluorene	"	"	"		0.00200	ND	"	
Hexachlorobenzene	"	"	"		0.00200	ND	"	
Hexachlorocyclopentadiene	"	"	"		0.00200	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		0.00200	ND	"	
Naphthalene	"	"	"		0.00200	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		0.00200	ND	"	
N-Nitrosodiphenylamine	"	"	"		0.00200	ND	"	
Phenanthrene	"	"	"		0.00200	ND	"	
Pyrene	"	"	"		0.00200	ND	"	
1,2,4-Trichlorobenzene	"	"	"		0.00200	ND	"	
Surrogate: 2-Fluorophenol	"	"	"	*10.0-124*		*32.7*	%	
Surrogate: Phenol-d6	"	"	"	*10.0-83.0*		*19.9*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*29.0-89.0*		*83.6*	"	
Surrogate: 2-Fluorobiphenyl	"	"	"	*31.0-86.0*		*77.0*	"	
Surrogate: 2,4,6-Tribromophenol	"	"	"	*10.0-159*		*71.4*	"	
Surrogate: p-Terphenyl-d14	"	"	"	*23.0-98.0*		*111*	"	*O5*

Great Lakes Analytical

**Refer to end of report for text of notes and definitions.*

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

United Environmental Consultants	Project:	Molex	Sampled: 3/21/00
119 E. Palatine Road	Project Number:	N/A	Received: 3/21/00
Palatine, IL 60067	Project Manager:	George Moncek	Reported: 3/29/00 12:18

Notes and Definitions

#	Note
O5	One or more surrogate recoveries were above the laboratory's established acceptance criteria.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

Great Lakes Analytical

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

CHAIN OF CUSTODY REPORT

1550 Busch Parkway
Buffalo Grove, IL 60089-4505
(847) 808-7766
FAX (847) 808-7772

20125 Watertown Road
Brookfield, WI 53501
(414) 798-1030
FAX (414) 798-1066

Client: UNITED ENVIRONMENTAL
Address: 119 E. PALATINE ROAD SUITE 101
PALATINE, IL 60067
Report to: G. MONCEK
Phone #: (847) 359-8700
Fax #: (847) 359-8755

Bill To:
Address:
State & Program: IEPA LUST
Phone #: ( )
Fax #: ( )

TAT: (5 DAY circled) 4 DAY 3 DAY 2 DAY 1 DAY < 24 HRS.
DATE RESULTS NEEDED:
TEMPERATURE UPON RECEIPT: 4 °C
AIR BILL NO.

Project: MOLEX
Sampler: C. HULL
PO/Quote #:

FIELD ID, LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	PRESERVATIVES	NO. CONTAINERS	TYPE CONTAINERS	SVOC'S 8270	VOC'S 8021	CRACKED BROKEN	IMPROPERLY SEALED	GOOD CONDITION	LABORATORY ID NUMBER
1 MW-1	3/21/00		GW	HCl / N/A	3 / 2	40ml / AMBER	X	X				B003465-1
2												
3												
4												
5												
6												
7												
8												
9												
10												

RELINQUISHED	RECEIVED	RELINQUISHED	RECEIVED
Chris Hull 3/21	C. [illegible] 3/21 6:40		
RELINQUISHED	RECEIVED	RELINQUISHED	RECEIVED

COMMENTS: SVOC / BNA AND PNA AND VOC'S PER ATTACHED LIST.

PAGE OF